

Converting Colors

YUV(142.7180, -19.5810,
-66.4047)

Have a look what the booklet for
YUV(142.7180, -19.5810, -66.4047)
contains.

| | |
|--|----|
| YUV(142.7180, -19.5810, -66.4047) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(142.7180, -19.5810,
-66.4047)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 43BD67 |
| RGB | 67, 189, 103 |
| RGB Percent | 26%, 74%, 40% |
| CMY | 0.7373, 0.2588, 0.5961 |
| CMYK | 0.65, 0.00, 0.46, 0.26 |
| HSL | 138°, 48%, 50% |
| HSV | 138°, 65%, 74% |
| XYZ | 22.9605, 38.5678, 19.0661 |
| YIQ | 142.7180, -45.1060, -52.6100 |

Conversions

Conversions Part 2

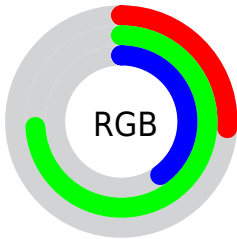
| Format | Color |
|-------------------------------------|--|
| RYB | 67, 161, 189 |
| Decimal | 4439399 |
| CIELab | 68.44, -52.55, 33.69 |
| CIELCh | 68, 62.424, 147.338 |
| Yxy | 38.5678, 0.2849, 0.4785 |
| Android (android.graphics.Color) | 4282629479 (0xFF43BD67) |
| YUV | 142.7180, -19.5810, -66.4047 |
| Hunter-Lab | 62.1029, -42.6857, 25.2695 |

Details

The YUV color **142.7180, -19.5810, -66.4047** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **113.2820, 19.5810, 66.4047**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3440, -22.3546, -63.4457**, and **84.8140, -15.1913, -74.3819** is the 20% darker color. If you saturate the color by 10%, you get **135.5550, -22.4586, -76.7857**, and if you desaturate by 10%, it is **149.8810, -16.7033, -56.0236**.

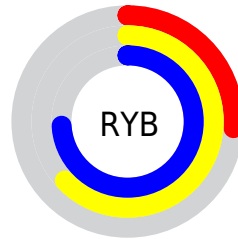
Distribution



Red (26%)

Green (74%)

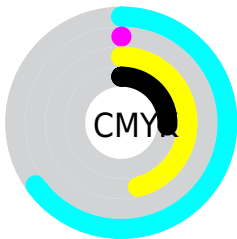
Blue (40%)



Red (26%)

Yellow (63%)

Blue (74%)

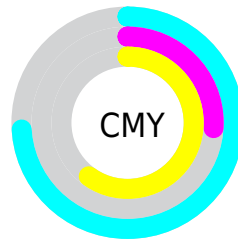


Cyan (65%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7180, -19.5810, -66.4047 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 142.7180, -19.5810, -66.4047 by changing the saturation by 10% instead.

■ 142.7180,
-19.5810, -66.4047

■ 142.7180,
-19.5810, -66.4047

■ 255.0000, 0.0000,
0.0000

■ 112.0700,
-16.7965, -72.8524

■ 200.3440,
-22.3546, -63.4457

■ 84.8140, -15.1913,
-74.3819

■ 217.3760,
-17.4404, -52.9498

■ 66.8160, -18.1503,
-58.5976

■ 229.2390, -9.4848,
-37.9206

■ 49.0630, -22.7091,
-43.0283

■ 241.5150, -1.2399,
-22.3767

■ 34.0460, -16.7847,
-29.8583

■ 252.3090, 1.3267,
-5.5330

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 142.7180,
-19.5810, -66.4047

■ 142.7180,
-19.5810, -66.4047

■ 135.5550,
-22.4586, -76.7857

■ 149.8810,
-16.7033, -56.0236

■ 128.2780,
-25.7731, -87.0668

■ 157.1580,
-13.3889, -45.7426

■ 121.1150,
-28.6507, -97.4479

■ 164.3210,
-10.5113, -35.3615

■ 117.3270,
-30.2342, -102.8958

■ 171.4840, -7.6336,
-24.9805

■ 178.7610, -4.3192,
-14.6994

■ 185.6250, -1.2941,
-4.9331

■ 192.7880, 1.5835,
5.4479

■ 200.0650, 4.8980,
15.7290

■ 207.2280, 7.7756,
26.1100

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.3390, -47.9881, -8.1903



142.7180, -19.5810, -66.4047



132.1180, 13.7458, -115.8675

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



142.7180, -19.5810, -66.4047



131.7950, 60.7401, -115.5842



160.1370, -20.7735, 83.1949

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



142.7180, -19.5810, -66.4047



113.2820, 19.5810, 66.4047

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



163.5860, 5.1341, 80.1701



142.7180, -19.5810, -66.4047



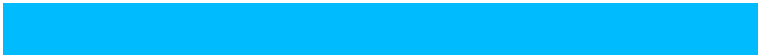
167.0090, 43.3796, -7.0239

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



142.7180, -19.5810, -66.4047



139.4260, 56.9780, -122.2766



171.4850, 28.3549, 52.1947



163.8170, -45.7588, 70.3205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.7180, -19.5810, -66.4047



136.5640, 30.7809, -119.7666



171.4850, 28.3549, 52.1947



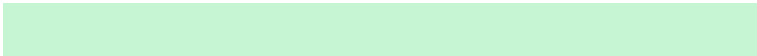
159.8410, -11.7536, 83.4544

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



142.7180, -19.5810, -66.4047



227.1850, -7.4862, -25.5952



164.6270, -48.1301, -9.3199



111.4620, -4.1718, -15.3142



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.7180, -19.5810, -66.4047



173.3270, -30.2342, -102.8958



149.5580, 6.6269, -72.4034



90.6250, -1.2941, -4.9331



98.1040, -25.1943, -86.0372



19.2230, -5.0399, -16.8586

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.2820, 19.5810, 66.4047



127.6730, 30.2342, 102.8958



106.4420, -6.6269, 72.4034



88.4890, 1.7309, 4.8331



59.8960, 25.1943, 86.0372



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 142.7180, -19.5810, -66.4047 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 142.7180, -19.5810, -66.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.7180, -19.5810, -66.4047 Background



This preview shows how black text looks on a background with the YUV color 142.7180, -19.5810, -66.4047.



This preview shows how white text looks on a background with the YUV color 142.7180, -19.5810, -66.4047.

-66.4047.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

142.7180, -19.5810, -66.4047

Protanopia

162.5760, -33.8080, 17.0348

Deuteranopia

164.7870, -27.0100, 30.0048



Tritanopia

155.1810, 18.6448, -53.6557

Trichromacy



Original Color

142.7180, -19.5810, -66.4047



Protanomaly

155.0560, -28.6216, -13.2041



Deuteranomaly

156.5500, -24.4281, -4.8673



Tritanomaly

150.7770, 4.5469, -58.5634

Monochromacy



Original Color

142.7180, -19.5810, -66.4047



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.8970, -7.3442, -24.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7180, -19.5810, -66.4047 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(67, 189, 103)` looks like.

```
.text, #text, p{  
    color:rgb(67, 189, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(67, 189, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 189, 103) }
```

Border

The CSS property to change the border of an element to YUV 142.7180, -19.5810, -66.4047 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 189, 103) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(67, 189, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(67, 189, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 189, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 189, 103);  
box-shadow:4px 4px 4px 4px rgb(67, 189,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 142.7180, -19.5810, -66.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 189, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(67, 189,  
103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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